

AMD Radeon™ HD 7570 GPU Features Summary

650 MHz engine clock
512MB-2GB DDR3 or 512MB-1GB GDDR5 memory
900 MHz (DDR3) or 1000 MHz (GDDR5) memory clock (1.8 Gbps DDR3 or 4.0 Gbps GDDR5)
28.8 GB/s (DDR3) or 64 GB/s (GDDR5) memory bandwidth
624 GFLOPS Single Precision compute power
TeraScale 2 Unified Processing Architecture
 480 Stream Processing Units
 24 Texture Units
 32 Z/Stencil ROP Units
 8 Color ROP Units
128-bit DDR3/GDDR5 memory interface
PCI Express 2.1 x16 bus interface
DirectX® 11 support
 Shader Model 5.0
 DirectCompute 11
 Programmable hardware tessellation unit
 Accelerated multi-threading
 HDR texture compression
 Order-independent transparency
OpenGL 4.1 support
Image quality enhancement technology
 Up to 24x multi-sample and super-sample anti-aliasing modes
 Adaptive anti-aliasing
 Morphological anti-aliasing (MLAA)
 16x angle independent anisotropic texture filtering
 128-bit floating point HDR rendering
AMD Eyefinity multi-display technology²
 Native support for up to 4 simultaneous displays
 Independent resolutions, refresh rates, color controls, and video overlays
 Display grouping
 Combine multiple displays to behave like a single large display
AMD App Acceleration¹
 OpenCL 1.1
 DirectCompute 11
 Accelerated video encoding, transcoding, and upscaling¹
AMD HD Media Accelerator
 MPEG-4 AVC/H.264
 VC-1
 MPEG-2 (SD & HD)
 Multi-View Codec (MVC)
 MPEG-4 part 2 (DivX, xVid)
 Adobe Flash
Enhanced video quality features
 Advanced post-processing and scaling
 Dynamic contrast enhancement and color correction

Brighter whites processing (blue stretch)
Advanced color correction
Brighter whites processing (Blue Stretch)
Independent video gamma control
Dynamic video range control
Dual-stream HD (1080p) playback support
DXVA 1.0 & 2.0 support
AMD HD3D technology³
Stereoscopic 3D display/glasses support
Blu-ray 3D support
Stereoscopic 3D gaming
3rd party Stereoscopic 3D middleware software support
AMD CrossFire™ multi-GPU technology⁵
Dual GPU scaling
Cutting-edge integrated display support
DisplayPort 1.2
Max resolution: 3840x2400
Multi-Stream Transport
21.6 Gbps bandwidth
High bit-rate audio
HDMI 1.4a with Stereoscopic 3D Frame Packing Format, Deep Color, xvYCC wide gamut support,

Max resolution: 1920x1200
Dual-link DVI with HDCP
Max resolution: 2560x1600
VGA
Max resolution: 2048x1536
Integrated HD audio controller
Output protected high bit rate 7.1 channel surround sound over HDMI or DisplayPort with no

Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats
AMD PowerPlay™ power management technology⁴
Dynamic power management with low power idle state
AMD Catalyst™ software and HD video configuration software
Unified graphics display drivers
Certified for Windows 7, Windows Vista, and Windows XP
AMD Catalyst™ Control Center

Software application and user interface for setup, configuration, and accessing special features of AMD Radeon products